



Recombinant *Caenorhabditis elegans* Thiamin pyrophosphokinase 1 (tpk-1)

Product Code	CSB-EP024103CXY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P30636
Product Type	Recombinant Protein
Immunogen Species	<i>Caenorhabditis elegans</i>
Purity	>85% (SDS-PAGE)
Sequence	MSKCLKPFEI LEDSCASVCI WLNGEPTAIS NRAENLWNKA KYRVATDGAV NEILKRKSFV EWPHIICGDF DSINKQIDTK NAKVVHLPDQ DYTDLSKSVQ WCLEQKTLTS WEFENIVVLG GLNGRFDHTM STLSSLIRFV DSQTPVIVLD SRNLVLAVPT GDSNLDVNLE MTTKMCGIIP IVQKETIVSS IGLKYEMENL ALEFGKLIST SNEVTTSQVF LKSSSSLIFS IELENWVYKL DSL
Source	E.coli
Target Names	tpk-1
Protein Names	Recommended name: Thiamin pyrophosphokinase 1 EC= 2.7.6.2 Alternative name(s): Thiamine pyrophosphokinase 1 Short name= TPK1
Expression Region	1-243
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.